



JC07 Rec'd PCT/PTO 29 APR 2005 PCT

CASE IA/3-22333/PCT

CERTIFICATE OF MAILING

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to the: Assistant Commissioner for Patents, Washington, D.C. 20231.

*Anna B. Maddalena*  
Type or print name

*Anna B. Maddalena*  
Signature

*4/27/05*  
Date

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE PCT NATIONAL STAGE APPLICATION OF

Group Art Unit:

JONATHAN HUGHES

Examiner:

INTERNATIONAL APPLICATION NO. PCT/EP 03/08291

FILED: JULY 28, 2003

FOR: PRODUCTION OF FERMENTATION  
PRODUCT

U.S. APPLICATION NO.: 10/523,302

35 USC 371 DATE: JANUARY 31, 2005

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

In accordance with 37 CFR 1.56, Applicants wish to call the Examiner's attention to the references cited on the attached forms PTO-1449. Copies of the International Search Report and the references cited therein were supplied when this application entered the U.S. national phase.

Enclosed herewith is a copy of the British Search Report. Except for the U.S. patents, copies of these references along with English language abstracts are enclosed herewith. Also enclosed are copies of the Kim et al and Stenberg et al articles, the NREL article, an Abstract of the Makromol. Chemistry article, EP 105933 and EP 102759.

The Examiner is requested to consider the foregoing information in relation to this application and indicate that each reference was considered by returning a copy of the initialed PTO 1449 forms.

Respectfully submitted,



Shiela A. Loggins  
Agent for Applicants  
Reg. No. 56,221

Ciba Specialty Chemicals Corporation  
Patent Department  
540 White Plains Road  
P.O. Box 2005  
Tarrytown, NY 10591-9005  
(914) 785-2768  
Encl. References  
PTO-1449 Forms  
GB Search Report


Sheet 1 of 4

FORM PTO-449

# INFORMATION DISCLOSURE CITATION IN AN APPLICATION

(Use several sheets if necessary)

Docket Number (Optional)

IA/3-22333/PCT

Application Number

10/523,302

Applicant

JONATHAN HUGHES

Filing Date

JANUARY 31, 2005

Group Art Unit

## U. S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	4,525,218	6/85	Chen et al	127	37	
	5,705,369	1/98	Torget et al	435	105	
	5,628,830	5/97	Brink	127	36	
	5,529,699	6/96	Kuo et al	210	735	
	4,384,897	5/83	Brink	127	37	

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO
	2017707	10/79	Great Britain				
	99/50195	10/99	PCT/World				
	01/34908	5/01	PCT/World				
	94/29475	12/94	PCT/World				
	3107950	9/82	Germany				

## OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

	Y Kholkin et al., Applied Biochemistry and Biotechnology, Vol. 82, No. 2, pp. 135-140 (1999)
	Derwent Abstr. 1993-150324 for SU 1733477 (1992)
	Derwent Abstr. 1997-488205 for RU 2077594 (1997)

EXAMINER

/Peter Hruskoci/

DATE CONSIDERED

03/12/2008

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP §609; Draw line through

citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /PAH/

Sheet 2 of 4 .

Sheet 3 of 4.



Application Number  
10/523.302

(Use several sheets if necessary)

IA/3-22333/PCT

JONATHAN HUGHES

JANUARY 31, 2005

Group Art Unit

[illegible]

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO

	Stenberg et al., Applied Biochemistry and Biotechnology, Vol. 70-72, (1998), pp. 697-708
	Chem. Abstr. 1985:185565 for Makromolekulare Chemie, (1985), Vol. 186, No. 2, pp. 273-281

DATE CONSIDERED

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /PAH/